USSTRATCOM Update to Combined Coordination Conference

9-12 Jan 07

USSTRATCOM/J825
Joint Experimentation

CDR Patrick "NAFOD" Haller

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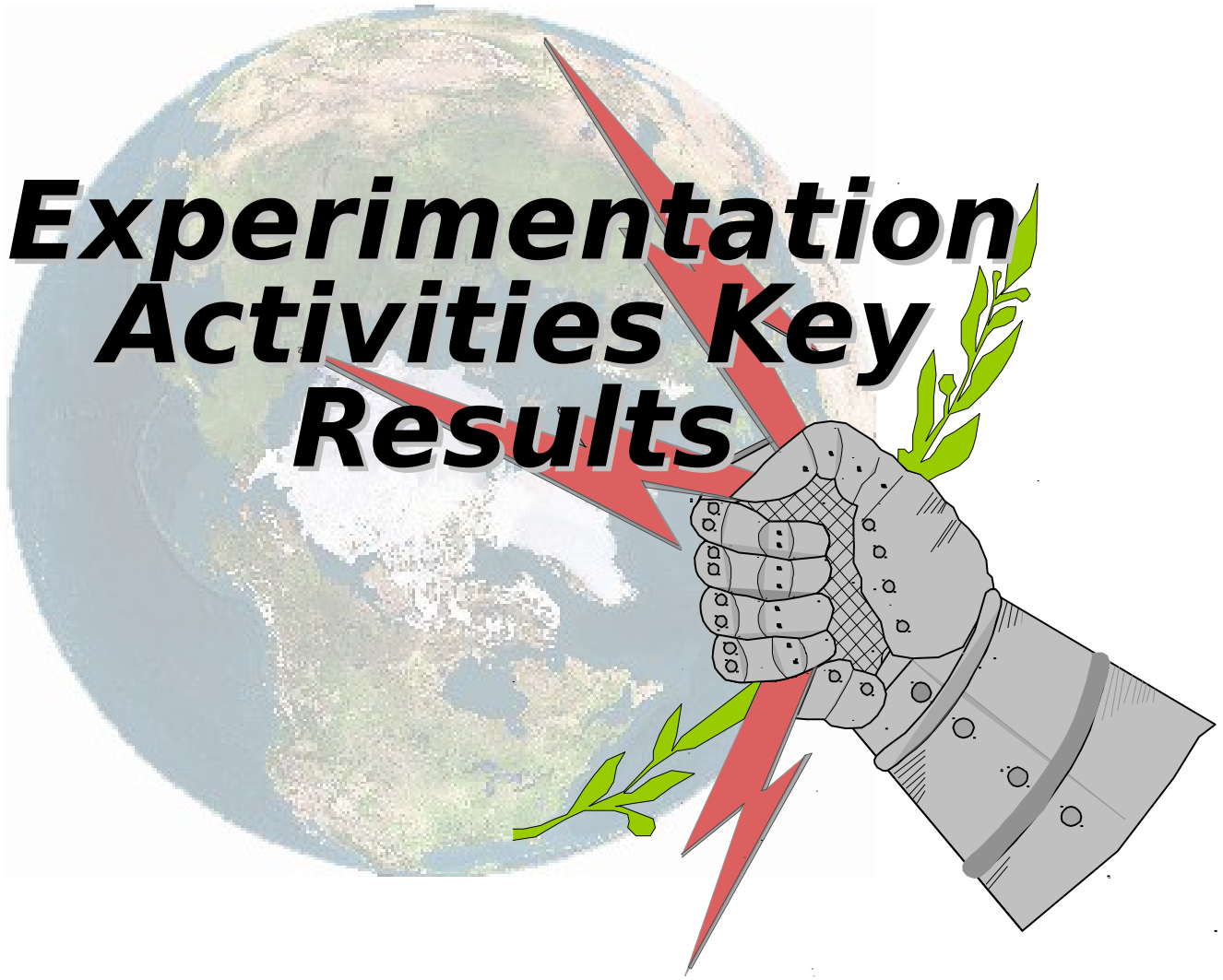
Experimentation Activities Key Results



Schriever IV IO Seminar (6-7 Sep 06)

Description

- Seminar framework for exploring potential IO contributions to defensive counter-space
- Diverse IO community participation

Key Objectives / Warfighter Challenges

- IO WFC
- Support counter-space ops
- Build a team of experts to develop effective IO concepts
- Understand how to integrate IO with air and space ops
- Determine methodology to play these concepts

Key Findings

- Information Operations must begin well before hostilities, especially when considering mobility and logistics
- The authoritative IO definition from Joint Publication 3-13, Information Operations, dated 13 FEB 06, must be taught and understood across the air, space and IO forces
- Information Operations and space operations operate in parallel and are reliant upon one another; however, they remain to be closely integrated

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Deterrence LOE (19-21 Sep 06)

Description

- Turn-based, scenario-supported seminar LOE with STRATCOM, PACOM and USFK
- Employ Strategic Deterrence Assessment Lab Strategic Profile, Decision Calculus, OPLAN

Key Objectives / Warfighter Challenges

- Global Deterrence WFC
- Vet SDAL analysis
- Refine deterrence planning process\
- Influence plans to include tenets of DO JOC

Key Findings

- Identified critical additions to SDAL analysis
- Provided planner insight to deterrence planning process including feedback opportunities and collaborative planning with intel and planners

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Unified Engagement 06 (1-8 Nov 06)

Description

- **USAF Title 10 wargame**

Key Objectives / Warfighter Challenges

- **Global Strike WFC**
- **Functionally integrate USSTRATCOM Joint Force Component Command structure and support the JFC**
- **Advance state of strategic and operational thought relative to the 2018 globalized world (assess, modify and improve needed Air Force and Joint capabilities and CONOPs)**
- **Understand operational warfighting considerations (opportunities and limitations) driven by globalized world**
- **Manage challenge of enduring capability shortfalls and gaps**

Key Findings

- **IO players observed that the overall Space support effort was significantly enhanced by the creation of a DIRSPACEFOR staff – is a similar concept needed for IO?**
- **Significant progress was made in integrating USSTRATCOM components into CJTF planning, and game participants expanded their understanding of the USSTRATCOM component concept**
- **Validated need for an on-call, global precision strike capability to support the JFC**

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JEFX LOE 2 (24-26 Oct 06)

Description

- Distributed experiment designed to support rapid fielding of technology and TTPs

Key Objectives / Warfighter Challenges

- Global Strike WFC
- Command and Control WFC
- Develop a JFCC GSI Time Sensitive Planning (TSP) Activity Model
- Understand the data/information exchange between STRATAF/AOC, JFCCs, and USSTRATCOM that supports Global Strike planning /execution process
- Understand the current and potential machine-to-machine interfaces needed to support the execution process

Key Findings

- Captured feedback on the development of the Crisis Action Execution Activity Model
- Captured player feedback on data/information exchange between STRATAF/AOC and USSTRATCOM that supports Global Strike planning/execution process, and feedback on the machine-to-machine interfaces in the execution process

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CWMD JIC LOE (8-9 Nov 06)

Description

- Tabletop wargame, turn-based, scenario-driven
- STRATCOM, JFCOM, SOCOM, NORTHCOM, SOUTHCOM, EUCOM, DTRA, OSD, JS, DOJ, USA, USAF, USMC, USN

Key Objectives / Warfighter Challenges

- CWMD WFC
- Determine JIC suitability for use by a Joint Force Commander (JFC)
- Identify critical military capabilities for combating WMD including operational level tasks and metrics; critical interagency effects; and critical intelligence effects to implement the JIC.

Key Findings

- Synchronized interagency and multinational activities are vital
- Strategic communications campaign critical
- Federated intelligence approach
- JFC requires broader authorities

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Schriever IV Homeland Defense Seminar (14-16 Nov 06)

Description

- Seminar framework for examining the contributions and vulnerabilities of space in defense of the homeland
- Focus on support to NORTHCOM and NORAD

Key Objectives / Warfighter Challenges

- Develop an understanding of how NORAD & USNORTHCOM use space in HLD & CS
- Develop an understanding of how to integrate ISR to support NORAD & USNORTHCOM
- Integrate additional allies into HLD discussions/concepts
- Pre-play potential scenarios to determine suitability for game use

Key Findings

- Concept for integrated ISR to support Homeland Defense
- Concept for space support for HLD

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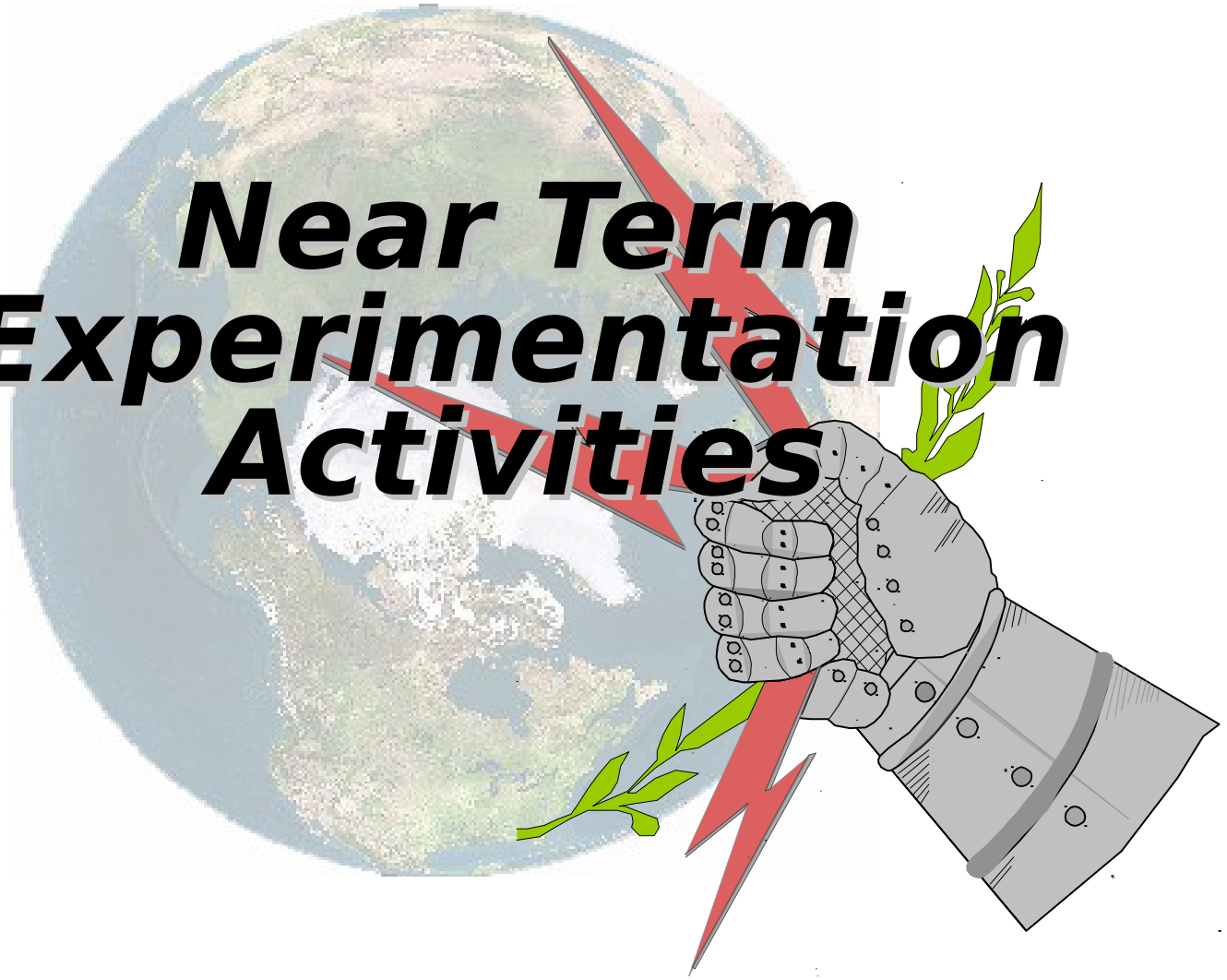
Near Term Experimentation Activities



JEFX 08

Description

- **USSTRATCOM adds its joint warfighter perspective to JEFX 08's operationally realistic environment to collaboratively develop new technologies, tactics, techniques and procedures**

Key Objectives / Warfighter Challenges

- **Improve the collaborative environment, provide a net-centric common operational picture, and develop the capability to manage global execution operations**
- **Support early transition of capabilities to warfighter**

Events / Milestones

ROC Drills	Spiral 1	MEC	Live Fly	Spiral 2	Live Fly	Spiral 3	Mainex
TBD	17-26 Apr 07	24-26 Jul 07	IPC 7-8 Aug 07	5-16 Nov 07	MPC 4-6 Dec 07	25 Feb – 7 Mar 07	14-25 Apr 08

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Conventional Trident Modification (CTM)

Description

- Tabletop seminars with representation from COCOMs, USN, components, Joint Staff, OSD, National Labs

Key Objectives / Warfighter Challenges

- Global Strike WFC
- Refine CTM time sensitive planning processes and C2 across COCOMs
- Examine supported/supporting roles
- Mitigate misinterpretation of intent

Events / Milestones

TBD – Currently on hold pending further Congressional engagement

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Deterrence LOEs (SOCOM and CENTCOM)

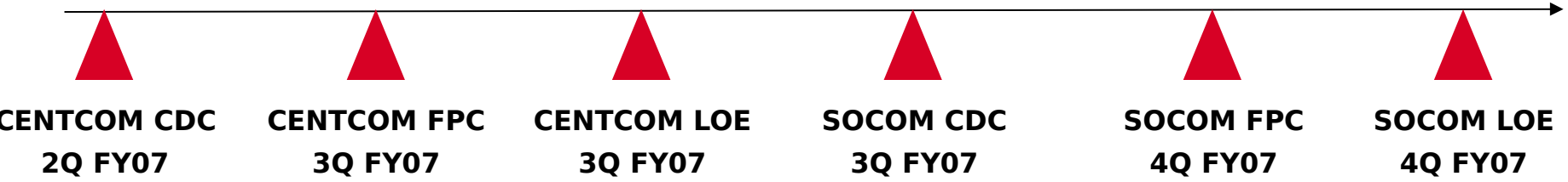
Description

- Turn-based, scenario-supported seminar LOE
- Employ Strategic Deterrence Assessment Lab Strategic Profile, Decision Calculus, OPLANs

Key Objectives / Warfighter Challenges

- Global deterrence WFC
- Examine Strategic Deterrence Assessment Lab analysis in support of CENTCOM and SOCOM planners
- Refine SDAL and deterrence planning processes

Events / Milestones



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Unified Quest 07 Global Cell

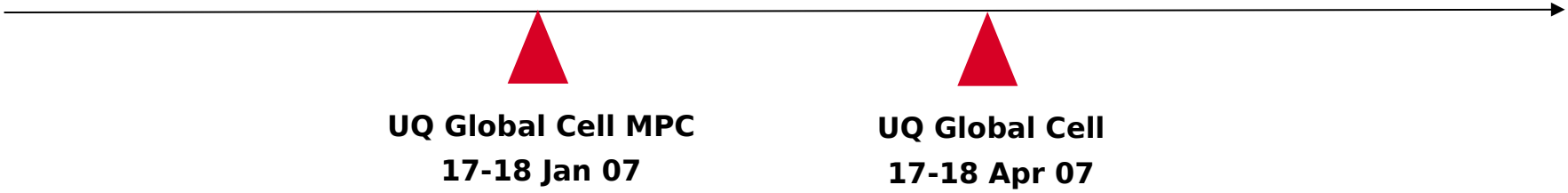
Description

- Adjunct to USA Title 10 Wargame
- Global Cell designed to examine global issues at operational/strategic level

Key Objectives / Warfighter Challenges

- Global ISR WFC
- Identify key impediments to information sharing
- Examine Global ISR force management

Events / Milestones



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Nimble Titan 08

Description

- Missile defense wargame
- 10-year projected concept development and experimentation: 2014-16

Key Objectives / Warfighter Challenges

- Exercise key STRATCOM/COCOM/Allied Mission areas
- Examine ODI concepts, exercise global sensor management, WRA changes, 3rd GMD site
- Examine global fight – multiple AORs, multiple classes of missile threats

Events / Milestones

CDC	JFCC-IMD	IPC	POL-MIL	Industry	SM	MPC	ODI	BMC2	FPC	NT 08
Jan 07	SLS Feb 07	Mar 07	SLS Mar 07	Day Apr 07	Workshop May 07	Jun 07	Workshop Aug 07	Workshop Oct 07	Jan 08	Mar 08

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Schriever IV

Description

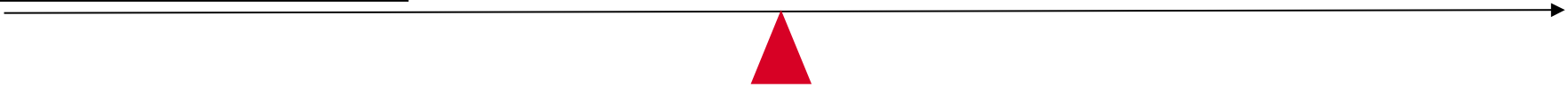
A 2025 examination of:

- **Future space systems/architecture**
- **Space systems survivability**
- **Space missions and objectives**
- **Integration of air and space**
- **Role of space assets in defense of the homeland**

Key Objectives / Warfighter Challenges

- **Investigate means to defend/augment/replace space systems through advanced architectures and technologies**
- **Examine seams in C2 relationships for space support to STRATCOM and regional commanders**
- **Explore the effects of integrated 2025 space, air, and ground capabilities to support COCOMs**
- **Improve understanding of the role of military space in securing the homeland**

Events / Milestones



22-30 Mar 07

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